

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No: 7165-0082:103

Page 1 of 2

CATEGORY: Control Unit (Non-High Rise)

LISTEE: Rauland-Borg, 3450 W. Oakton St., Skokie, IL 60076
Contact: Daryl Miceli (708) 679-0900 Fax (847) 679-1025

DESIGN: Model "FA 3002 SECUREPLEX AS" fire alarm control unit. Automatic or manual, coded or noncoded; local service; area, zone or all-call annunciation. Conventional Style A initiating circuit and Style Y indicating circuit. Suitable for central station when used in conjunction with Model ASP3100 (CSFM Listing No. 7165-0082:102). System also has optional Class B combination initiating and indicating circuits (Refer to "Approval" section for details). All output circuits are power-limited. Provides protected output for auxiliary annunciation. System components:

FA 3002	Control Unit
FA 3120/3125	Station Supervisory Panel
FAP 3130/3135	Station Supervisory Panel
FAX 60/120/250	Audio Amplifier
FAE3007	Expansion Chassis
ASF3005	Signal Interface Panel
ASG3030	Ground Isolation Adapter
FAS3006	Power Control Module
FA100	Remote Trouble Annunciator
FAR3012	DC Power Transfer Relay
ASE1348	End-of-line Resistor (30K, 1/4W)
1343/44/45/46/47	End-of-Line Resistor
DCM	Display Command Module
IOM-2	Input/output Module
AMM2	Audio Monitor Module
CPU	Central Processor
FAC3110	Battery Charger
FA3011	Battery Tray
FAA3008	Power and Audio Expander Module
ASMCAL	Security Isolation Module
ASM3301	Motion Detector

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating, UL and SFM label.

APPROVAL: Listed as a fire alarm control unit for use with separately listed compatible initiating and indicating devices. System must be configured for automatic all call annunciation to satisfy local service (all building/zones/floors). *This control unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition. Refer to manufacturer's Installation Manual for details.

Optional combination initiating and indicating circuit can be used only if approved by the authority having jurisdiction. Please consult the authority having jurisdiction (AHJ) prior to installation. If approved, the following restrictions must be followed:

- a. Combination zone wiring with security devices must be wired strictly in accordance with Drawing No. KM1228B and KM1229B.
- b. Security devices (motion detector and door contact) must be grouped together and be connected to Model ASMCAL security isolation module when installed on the same loop with fire devices (smoke detectors, pull station, heat detector or speakers). Model ASMCAL must be installed in the back box of the last fire device. A maximum of two motion detectors can be installed per combination zone. When door contacts are connected, only one motion detector is permitted per combination zone.
- c. Only Model FAR410 manual pull station and separately listed heat detector with Model FABR220 base are permitted on combination zone circuits with security devices and must be wired in accordance with Drawing No. KM1233.
- d. A maximum of three two-wire smoke detectors are permitted per zone.
- e. Limit one combination initiating/indicating loop per room. For larger area, more than one loop may be required. Please consult the AHJ for details.
- f. Speakers may be use for other non-fire functions when approved by the AHJ provided a fire command station is constantly attended by a trained operator. A list of trained operators and evidences of proper training shall be submitted prior to approval (Please consult the AHJ for detail requirements). Any time the building is occupied (in part or whole), a trained operator must be present.
- g. Speakers shall be surface mounted back-to-back (on separate combination zone circuits) on wall between adjacent rooms. If this configuration is not possible, an exception may be granted by the AHJ.
- h. Speakers shall be CSFM listed for fire protective signaling service.

NOTE:

- 1. Security and other non-fire functions were not examined. Model ASP3100 control unit may be used in conjunction with the FA 3002 SecurePlex AS for security purposes.
- 2. For Fire Alarm Verification Feature (delay of fire alarm), the maximum Retard/Reset/Restart period (Control unit plus detector) must be adjusted to 30 seconds or less.

*Corrected 08-08-2000



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 9, 2003**Listing Expires **June 30, 2004**Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**